

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application.

Listing of Claims:

1. (Currently Amended) A condensing apparatus of a dish washer for condensing vapor inside a dish washer tub, the condensing apparatus comprising:

a blower for suctioning the vapor from inside the tub;

an air duct connected to the blower and forming a vapor passage for circulating the vapor and generating condensed water; wherein the vapor passage includes a ridge formed thereon for stopping the condensed water, the vapor passage including a horizontal part and a vertical part;

a condensed water discharge port formed at the air duct for discharging condensed water ~~moisture~~ condensed from the vapor; and

a vapor exhaust port spaced apart from the condensed water discharge port for exhausting vapor from which water ~~moisture~~ has been removed ~~[[into]]~~ to the outside of the dish washer; and

wherein the ridge included in the vapor passage is configured to protrude upward from an inner bottom surface of the horizontal part and configured to collect at least some of the condensed water on the floor of the horizontal portion.

2. (Previously Presented) The condensing apparatus according to claim 1, wherein the vapor passage forms a meandering line.

3. (Currently Amended) The condensing apparatus according to claim 1, wherein ~~the vapor passage further includes a straight portion and a curved portion, and~~ the ridge is formed at a ~~transitional~~ point where the vapor passage transitions from the horizontal part to the vertical part ~~straight portion to the curved portion.~~

4-5. (Canceled)

6. (Currently Amended) The condensing apparatus according to claim 1, wherein the air duct further includes a portion between the condensed water discharge port and the vapor exhaust port, the portion being inclined at a predetermined angle to dispose the condensed water discharge port lower than the vapor exhaust port, wherein the predetermined angle is larger than zero and smaller than 90 degrees to a horizontal line.

7. (Original) The condensing apparatus according to claim 1, wherein the blower includes a condenser fan for blowing air at the air duct to exchange heat with the vapor circulating inside the air duct, and a dryer fan for providing suctioning force to suction vapor from inside the tub.

8. (Original) The condensing apparatus according to claim 7, wherein the blower further includes a motor for driving the condenser fan and the dryer fan together.

9. (Currently Amended) A condensing apparatus of a dish washer having an air duct for suctioning and condensing vapor from inside a dish washer tub, the condensing apparatus comprising:

a horizontal part forming at least one portion of the air duct;

a vertical part in fluid communication with the horizontal part and configured to be bent from the horizontal part;

a vapor passage formed in the horizontal and vertical parts ~~air duct~~ for circulating the vapor suctioned from inside the tub and generating condensed water;

a ridge within the vapor passage configured to protrude a predetermined height upward from a bottom surface of the horizontal part ~~formed on the vapor passage~~ for stopping the condensed water;

a condensed water discharge port formed at the air duct for discharging water ~~moisture~~ condensed from the vapor; and

a vapor exhaust port spaced apart from the condensed water discharge port for exhausting vapor from which water ~~moisture~~ has been removed to ~~to~~ [[into]] the outside of the dish washer.

10. (Currently Amended) The condensing apparatus according to claim 9, wherein the vapor passage forms a ~~meander~~ meandering line.

11. (Currently Amended) The condensing apparatus according to claim 9, wherein ~~the vapor passage includes a straight portion and a curved portion, and the ridge is formed at a transitional point~~ where the vapor passage transitions from the horizontal part to the vertical part from the straight portion to the curved portion.

12-13. (Canceled)

14. (Currently Amended) The condensing apparatus according to claim 9, wherein the air duct further includes a portion between the condensed water discharge port and the vapor exhaust port, the portion being inclined at a predetermined angle to dispose the condensed water discharge port lower than the vapor exhaust port, wherein the predetermined angle is larger than zero and smaller than 90 degrees to a horizontal line.

15. (Original) The condensing apparatus according to claim 9, further comprising a condenser fan for blowing air at the air duct to exchange heat with the vapor circulating inside the air duct, and a dryer fan for providing suctioning force to suction vapor from inside the tub.

16-20. (Canceled)